

Product datasheet for **TA386314**

MARCO Rabbit Monoclonal Antibody [Clone ID: PLK1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PLK1
Applications:	FC, IF, IHC, IP, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The antibody was raised by immunising BALB/c mice with human alveolar macrophages (AMs) and subsequent creation of hybridomas.
Specificity:	This antibody recognises the extracellular domain V between residues 420 and 431 in MARCO both in human and bovine samples.

The specificity of this antibody was confirmed in an IF experiment where the antibody stained alveolar macrophages for MACRO (Arredouani et al., 2005). Tissue samples prepared in acetone and paraformaldehyde were also successfully immunohistochemically stained (Arredouani et al., 2005; Martens et al., 2006). The antibody was also capable of weak staining of alveolar macrophages in flow cytometry (Palcanda and Kobzik, 2001). In IP experiments, the antibody immunoprecipitates MARCO from lysates obtained from COS cells transfected with human MARCO (Arredouani et al., 2005).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	macrophage receptor with collagenous structure
Database Link:	Entrez Gene 8685 Human Q9UEW3



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Synonyms: SCARA2

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG3 format, for improved compatibility with existing reagents, assays and techniques.